

# **DART SERVICE INSTRUCTION**

**TO AMEND INSTALLATION INSTRUCTIONS IIN-D212-664 REV. J OR LATER APPROVED REVISION  
& INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D212-664 REV.11 OR LATER APPROVED REVISION**

REF. TCCA STC: SH01-9

REF. FAA STC: SR01298NY

REF. EASA STC: EASA.IM.R.S.01304

DGAC MEXICO STC IA-316/2015

## **1.0 PURPOSE**

For the D412-664-403 Aft Crosstube, customers have reported contact between the center support and 604-030-001 Beam Assembly (ref). The contact is evidenced by abrasion from the center support's bolt heads on the interior of the beam assembly. The purpose of this Dart Service Instruction (DSI) is to permit customers to relieve the bolt heads to prevent contact.

## **2.0 CHANGE**

Amend Section 3.1.4 of Installation Instructions IIN-D212-664 as follows:

Amend Section 32.2.4 of Instructions for Continued Airworthiness ICA-D212-664 as follows:

### **3.1.4 / 32.2.4**

Reinstall the Beam Assembly and attaching hardware on the D412-664-203/-205/-209/-403. For the D412-664-403 Aft Crosstube, move the Beam Assembly through its full range of possible movement and ensure there is no contact between the NAS6704-21 bolts and the Beam Assembly. If contact is possible, relieve the bolt heads on the affected side(s) as follows:

- i) Remove the Beam Assembly
- ii) Relieve heads of NAS6704-21 bolts to be flush with sides of the D5380-1 Upper Support Half as shown in Figure 1 of this DSI.
- iii) If damage is visible on the Beam Assembly, inspect and touch-up per the Aircraft Maintenance Manual.
- iv) Reinstall the Beam Assembly and attaching hardware.

## **3.0 WEIGHT AND BALANCE**

This modification has negligible effect on weight and balance.


CANADA  
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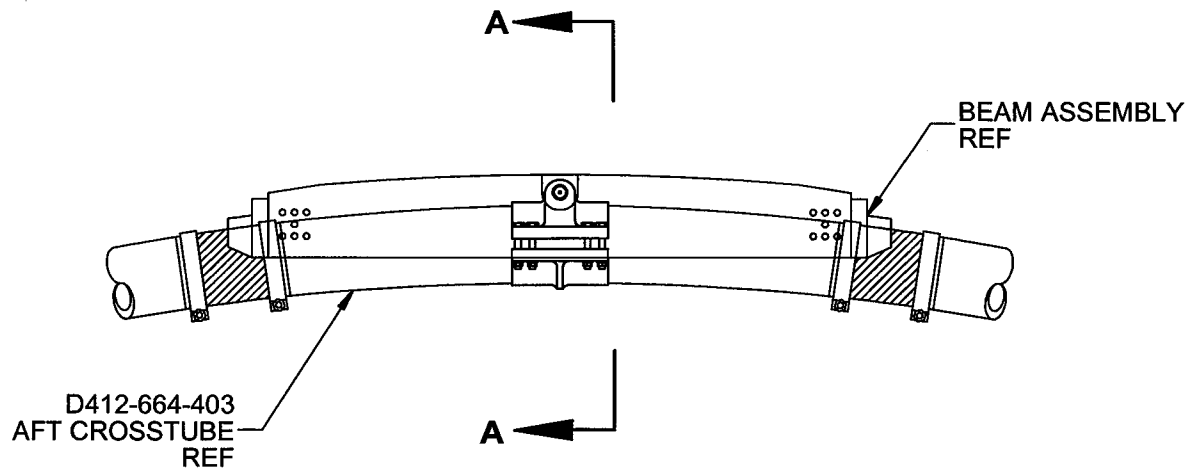
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BY:   
C. PROVENCAL (DE # 03)

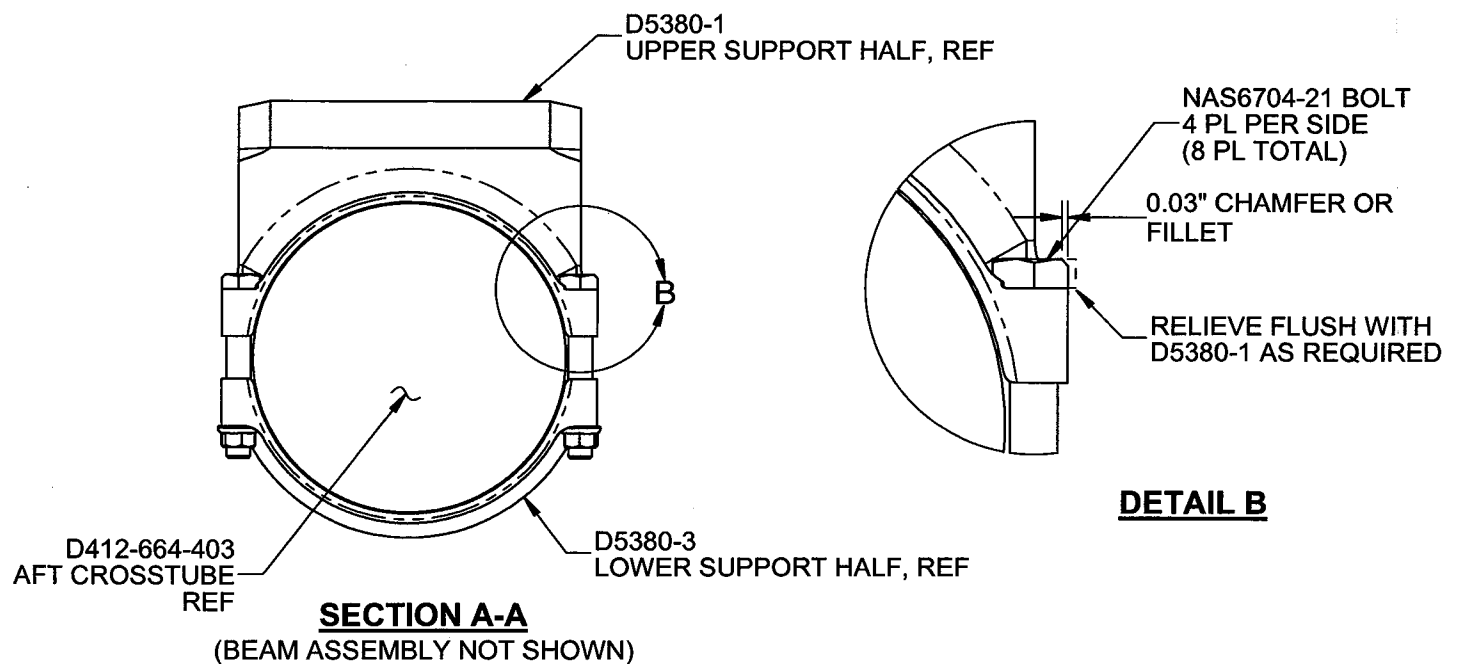
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MFG. APPR.	N/A	DSI 9866	SHEET 1 OF 2
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**FIGURE 1: D5380-1/-3 SUPPORT**  
**D412-664-403 AFT CROSSTUBE (HIGH GEAR, HEAVY-DUTY)**  
 (CROSSTUBE PARTIALLY SHOWN)



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